

WHAT IS CLAIMED IS:

1. A method of displaying a portal page registered within a web-based portal that includes portal pages

5 registered within a web-based architecture and navigation options linked to different ones of the registered portal pages, the method comprising:

providing, from a server and to an access device, information to provide a display of a selected first  
10 registered portal page that includes a hyperlink to a second registered portal page, wherein the display is provided within a displayed navigation framework that includes a navigation menu for user selection of navigation options;

15 receiving, at the server, an input indicating user selection of the displayed hyperlink to the second registered portal page;

providing, from the server to the access device, 1) information to provide a display of the second registered  
20 portal page within the displayed navigation framework, and 2) information that causes the navigation menu to emulate a selection of a navigation option linked to the second registered navigation page.

2. The method of claim 1 wherein the information  
that causes the navigation menu to emulate the selection of  
the navigation option linked to the second navigation  
option includes a display indicator describing the target  
5 web page to be displayed.

3. The method of claim 1 further comprising  
processing the input received from the access device by  
identifying a registered target web page from a plurality  
10 of target web pages existing in the displayed navigation  
framework.

4. The method of claim 3 wherein processing the  
input comprises parsing the input for at least one service  
15 request, the at least one service request identified in the  
target web pages included in the displayed navigation  
framework.

5. The method of claim 4 wherein processing the  
20 input comprises:

transmitting a selectable list of target web pages in  
response to the input, the selectable list of target web  
pages identifying a plurality of target web pages that

include a service matched to the at least one service  
request; and

processing one of the selectable list of target web  
pages based on a selection from the selectable list.

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6. The method of claim 3 wherein processing the  
input comprises selecting one of the plurality of target  
web pages included in the portal framework using a user  
role.

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7. A method of displaying a portal page registered  
within a portal structure that includes portal pages  
registered within the portal structure and navigation  
options linked to different ones of the registered portal  
15 pages, the method comprising:

providing, from a server and to an access device,  
information to provide a display of a selected first  
registered portal page that includes a hyperlink to an  
unregistered portal page, wherein the display is provided  
20 within a displayed navigation framework that includes a  
navigation menu for user selection of navigation options;

receiving, at the server, an input indicating user  
selection of the displayed hyperlink;

providing, from the server to the access device, 1)  
information to provide a display of the selected  
unregistered web page, and 2) information that causes the  
navigation menu to emulate a selection of a navigation  
5 option linked to a default navigation page.

8. The method of claim 7 wherein the information  
that causes the navigation menu to emulate the selection of  
the navigation option linked to the default navigation  
10 option includes a display indicator describing the default  
navigation page to be displayed.

9. The method of claim 7 further comprising  
processing the input received from the access device by  
15 identifying a default navigation page from a plurality of  
target web pages existing in the displayed navigation  
framework.

10. The method of claim 7 wherein processing the  
20 input comprises parsing the input for at least one service  
request, the at least one service request not identified  
with the target web pages included in the displayed  
navigation framework.

11. A method used in generating a portal page to be registered within a portal structure that includes portal pages registered within a portal framework and navigation  
5 options linked to different ones of the registered portal pages, the method comprising:

assigning, for a portal page being generated, a service to be included in the portal page, the service represented within a service definition of the portal page;  
10 and

registering the portal page being generated and the service included in the portal page being generated with a portal navigation service, the portal navigation service upon receipt of a request that includes a service name  
15 identifying the generated portal page.

12. The method of claim 11 wherein registering the portal page being generated and the service included in the portal page with the run-time service occurs upon storage  
20 of the portal page in a navigation framework.

13. A computer program product tangibly embodied in  
an information carrier, the computer program product for  
displaying a portal page registered within a web-based  
architecture and navigation options linked to different  
5 ones of the registered portal pages, and the computer  
program product including instructions that, when executed,  
cause a processor to perform operations comprising:

provide, from a server and to an access device,  
information to provide a display of a selected first  
10 registered portal page that includes a hyperlink to a  
second registered portal page, wherein the display is  
provided within a displayed navigation framework that  
includes a navigation menu for user selection of navigation  
options; and

15 in response to receipt, at the server, of an  
input indicating user selection of the displayed hyperlink  
to the second registered portal page,

provide, from the server to the access device, 1)  
information to provide a display of the second registered  
20 portal page within the displayed navigation framework, and  
2) information that causes the navigation menu to emulate a  
selection of a navigation option linked to the second  
registered navigation page.

14. The computer program product of claim 13, wherein the operations further comprise:

include a display indicator describing the target web page to be displayed in the information that causes the  
5 navigation menu to emulate the selection of the navigation option linked to the second navigation option.

15. The computer program product of claim 13, wherein the operations further comprise:

10 process the input received from the access device by identifying a registered target web page from a plurality of target web pages existing in the displayed navigation framework.

15 16. The computer program product of claim 15, wherein the operations further comprise:

parse the input for at least one service request, the at least one service request identified in the target web pages included in the displayed navigation framework.

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17. The computer program product of claim 16, wherein the operations further comprise:

transmit a selectable list of target web pages in response to the input, the selectable list of target web

pages identifying a plurality of target web pages that include a service matched to the at least one service request; and

process one of the selectable list of target web  
5 pages based on a selection from the selectable list.

18. The computer program product of claim 15, wherein the operations further comprise:

select one of the plurality of target web pages  
10 included in the portal framework using a user role.

19. A computer program product tangibly embodied in an information carrier, the computer program product for displaying a portal page registered within a web-based  
15 architecture and navigation options linked to different ones of the registered portal pages, and the computer program product including instructions that, when executed, cause a processor to perform operations comprising:

provide, from a server and to a access device,  
20 information to provide a display of a selected first registered portal page that includes a hyperlink to an unregistered portal page wherein the display is provided within a displayed navigation framework that includes a



navigation menu for user selection of navigation options;  
and

in response to receipt, at the server, of an input  
indicating user selection of the displayed hyperlink to the  
5 unregistered portal page,

provide, from the server to the access device, 1)  
information to provide a display of the selected  
unregistered web page, and 2) information that causes the  
navigation menu to emulate a selection of a navigation  
10 option linked to a default navigation page.

20. The computer program product of claim 19, wherein  
the operations further comprise:

include a display indicator describing the target web  
15 page to be displayed in the information that causes the  
navigation menu to emulate the selection of the navigation  
option linked to the second navigation option.

21. The computer program product of claim 20, wherein  
20 the operations further comprise:

process the input received from the access device by  
identifying a default navigation page from a plurality of  
target web pages existing in the displayed navigation  
framework.

22. The computer program product of claim 19, wherein the operations further comprise:

5 parse the input for at least one service request, the at least one service request not identified with the target web pages included in the displayed navigation framework.

23. A computer program product tangibly embodied in an information carrier, the computer program product for  
10 creating a portal page registered within a web-based architecture and navigation options linked to different ones of the registered portal pages, and the computer program product including instructions that, when executed, cause a processor to perform operations comprising:

15 assign, for a portal page being generated, a service to be included in the portal page, the service represented within a service definition of the portal page; and

register the portal page being generated and the service included in the portal page being generated with a  
20 portal navigation service, the portal navigation service upon receipt of a request that includes a service name identifying the generated portal page.

24. The computer program product of claim 23,  
wherein the operations further comprise:

store the portal page in a navigation framework.